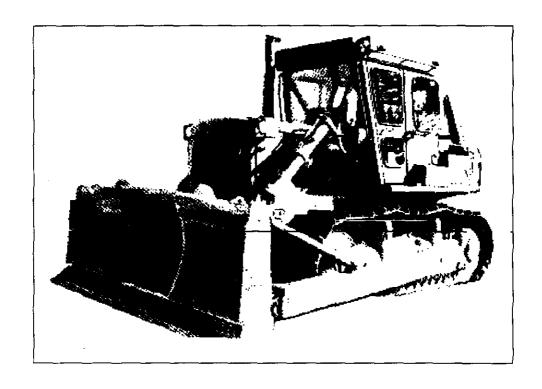
Draft Maintenance Concept Remains Consistent with Prior Fiscal Year

STATEMENT OF WORK (SOW)

REBUILD

TRACTOR, MEDIUM, FULL TRACKED, MODEL D7G



NSN 2410-01-155-1588

EFFECTIVE DATE: 1 OCTOBER 2003

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STATEMENT OF WORK FOR THE TRACTOR, MEDIUM, FULL TRACKED NSN 2420-01-155-1588, MODEL D7G

1.0 SCOPE. This Statement of Work (SOW) along with the U.S. Marine Corps REBUILD Standard RS 08757A-50 establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the REBUILD of the Tractor, Medium, Full Tracked, Model D7G. This document contains the minimum requirements to assemble, integrate, make fully operational, calibrate, install, test and inspect the Tractor, Medium, Full Tracked, Model D7G, hereafter referred to as the D7G Tractor, to a serviceable condition (Condition Code "A"). Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction. Includes material with more than six months shelf-life remaining. The National Stock Number (NSN) 2410-01-155-1588 shall be known as the D7G Tractor. This SOW along with RS 08757A-50 covers the minimum requirements applicable to the restoration of the D7G Tractor.

Additionally, RS 08757A-50 sets forth guidelines within which the D7G Tractor shall be refurbished, repaired and restored. The basic configuration of the D7G Tractor is established by Stock List (SL)-4-08757A and Modification Instruction (MI)-08757A-35/1. All materiel (including repair parts) shall be provided by the Contractor. Installation and testing shall be performed by the Contractor. All special tools and test equipment required to perform any task on the D7G Tractors are listed in RS 08757A-50, and shall be provided by the Contractor.

- 1.1 <u>Background</u>. REBUILD is defined as "That maintenance technique that determines the repair necessary to restore equipment components and/or assemblies to a prescribed maintenance serviceability and standard that approximates the original or new condition in appearance, performance, and life expectancy." The Contractor shall disassemble all assemblies/sub-assemblies, inspect, test, repair and/or replace. All worn parts/components that are beyond the specified tolerances and wear limits shall be replaced.
- 2.0 <u>APPLICABLE DOCUMENTS</u>. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto which are in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129 Marking for Shipment and Storage

MIL-STD-130 U.S. Military Property, Identification Marking of

MIL-STD-642 Identification Marking of Combat and Tactical

Transport Vehicle

2.2 Other Government Documents And Publications. The issues of those documents cited below shall be used.

ATPD 2241 Vehicles, Wheeled: Preparation For Shipment and

Storage of

MI-08757A-35/1 Modify Battery Box Cover

TI 08757A-25/2 Instructions for Installation of 8 Pin Military

Standard Receptacle

TM 4750-15/1 Painting and Registration Marking for Marine

Corps Combat and Tactical Equipment.

TM 4795-34/2 Corrosion Prevention and Control

TM 08757A-14/1 Tractor, Medium, Full Tracked, Model D7G

RS 08757A-50 REBUILD Standard, Tractor Medium, Full

Tracked, Model D7G

SL-4-08757A Repair Parts List

DoD 4000.25-1-M MILSTRIP Manual

Military Handbooks (For Guidance)

MIL-HDBK-61 Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9002-1994 Quality Systems-Model for Quality Assurance in

Production, Installation, and Servicing

Industry Standards (For Guidance)

ANSI/EIA-649 National Consensus Standards for Configuration

Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or http://www.dodssp.daps.mil. Copies of other government documents and publications required

by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 ir DSN 567-6410.

3.0 REQUIREMENTS.

- 3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall render, yet shall not be limited to the following tasks.
- a. Provide materials, labor, facilities, repair parts and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair and calibrate as required to make fully operational, the D7G Tractors.
- b. Conduct final-on-site testing for witness by Marine Corps System Command (MCSC). (Code CSLE), Albany, Georgia and/or their representatives.
- c. The Contractor shall be responsible for all structural, electrical and mechanical requirements associated with the repair and restoration of the D7G Tractors.
- 3.2 <u>REBUILD Objective And Functions</u>. After REBUILD, the D7G Tractors shall have as a minimum the following characteristics:
 - a. Reliable as per system specifications
 - b. Maintainable
 - c. Serviceable (Condition Code "A")
 - d. Latest Marine Corps Configuration
 - e. All vehicle systems and components shall operate as designed intended.
 - f. All D7G Tractors shall have a like new appearance.
- 3.3 <u>Specific Tasks</u>. The following tasks describe the different phases for the REBUILD of the D7G Tractors.

Phase I Pre-Induction (Initial Inspection)

Phase II REBUILD

Phase III Inspection, Testing and Acceptance

Phase IV Packing, Handling, Storage and Transportation (PHS&T)

3.3.1. Phase I Pre-Induction.

- a. The Contractor shall inspect in detail all vehicles transported to the Contractor for REBUILD under provisions of this SOW using the Configuration Inspection Checklist and Section IV (Troubleshooting) of TM 08757A-14/1. The Contractor shall ensure that the inspection is sufficient to determine the condition of the inspected vehicle and the extent of work and repair parts required. The findings of this inspection shall be annotated on the D7G Tractor Initial Inspection Checklist (Appendix A of this SOW) and shall be maintained and made available upon request by MCSC (Code CSLE), Albany, Georgia and/or their Representatives. The D7G Tractor Initial Inspection Checklist may be duplicated in a electronic data base and maintained in that data base. If data is selected to be provided electronically to MCSC (Code CSLE), Albany, Georgia and/or their Representatives, the Data base program must be agreed to by both the Contractor and MCSC (Code CSLE), Albany, Georgia.
- b. Test equipment, as identified in TM 08757A-14/1, shall be used to determine that assemblies and subassemblies meet prescribed reliability, performance, and work requirements. In those cases when conformance to the SOW cannot be certified through existing inspection and testing procedures and by use of diagnostic equipment, the assembly shall be removed, disassembled, inspected, tested and repaired to the degree necessary to assure full conformance with this SOW.
- c. Oil seals and gaskets leakage. Evidence of lubricating or hydraulic oils passing through or around a seal is in itself not a defect; however, consideration must be given to the fluid capacity in the item being checked/inspected. Inspection shall normally be performed during and immediately following an operational test, but not sufficient duration to allow the fluids to return to ambient temperatures. The following shall be used as a guide in determing degree of oil loss:
- 1. Class I Seepage of fluid (indicated by wetness or discoloration) not great enough to form drops.
- 2. Class II Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/inspected.
- 3. Class III Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

A CLASS I OR II LEAK, EXCEPT FUEL SYSTEM, BRAKE SYSTEM, AND POWER STEERING SYSTEMS IS AN ACCEPTABLE CONDITION AT ANY TIME AND DO NOT REQUIRE CORRECTIVE ACTION.

3.3.2 PHASE II - REBUILD. After Pre-Induction Tests and Inspections have been completed, repair of the D7G Tractor shall be accomplished in accordance with this SOW and RS 08757A-50. Deficiencies noted on the D7G Tractor Initial Inspection Checklist during Phase I shall be

repair/replaced. Components or assemblies shall be disassembled for replacement of mandatory parts. Mandatory Replacement Parts List is contained in RS 08757A-50, Table 2-1.

Winch Controls. Each D7G Tractor shall contain winch control group number 5R6959 (NSN 3950-01-323-9893). The winch control group number 5R6959 is a component of the Marine Corps basic D7G Tractor configuration and is a requirement for each D7G Tractor. If the winch control group number 5R6959 is not installed or is missing, the Contractor shall install the winch control group number 5R6959 as part of this SOW work effort.

The D7G Tractors provided to the contractor for repair under the provisions of this SOW should not contain any components that are not identified in SL-4-08757A and the MIs and TIs indentified in this SOW. If other components are found, the contractor shall inform MCSC (Code CSLE), Albany, Georgia and/or their representatives of these components. Components shall be identified by part number and/or National Stock Number if known.

a. <u>Rust Proofing and Painting</u>. Rust proofing does not apply to processing of fuel tanks, radiators, engine, transmission, vehicle suspension, transfer, and axles. Repair all body and rust damage before rust proofing vehicle. All vehicles shall be rust proofed as required.

Procedures for corrosion prevention and control are in accordance with TM 4795-34/2.

Prime and paint per latest edition of TM 4750-15/1. All vehicle shall be painted with CARC. Paint color will be provided by the D7G Tractor Item Manager, Supply Chain Management Center, (Code 577-1) and/or their representative upon induction of the vehicles into the repair cycle.

All D7G Tractor cab interiors shall be painted in the existing color. This paint shall be a lead and chromate free based paint.

b. <u>Data Plates And Decals</u>. Each REBUILD D7G Tractor shall have a REBUILD data plate affixed next to the existing vehicle data plate after vehicle has completed the repair cycle. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1. The REBUILD data plate shall contain the following information:

VEHICLE SERIAL NO
REPAIRED IN ACCORDANCE WITH SOW-04-CSLE-08757A-1/1.
CONTRACTOR REPAIR FACILITY
DATE .
HOUR READING AT TIME OF IROAN

3.3.3 PHASE III - Inspection, Testing And Acceptance.

a. Inspection, testing and acceptance of the D7G Tractor shall be conducted in accordance with provisions of this SOW and RS-08757A-50.

- b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the Contractor facility. MCSC (Code CSLE), Albany, Georgia and/or their representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be set up with all safety consideration incorporated (test area clearly defined, limit excess. to unauthorized vehicle and foot traffic, etc.).
- c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (Code CSLE), Albany, Georgia and/or their representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.
- d. Acceptance testing on all D7G Tractors repaired under the provisions of this SOW shall be accomplished in accordance with RS-08757A-50 and provisions of this SOW.
- e. Vehicle Markings. Registration numbers and other markings shall be applied in accordance with MIL-STD- 642. Lifting and tie down attachments shall be identified with one inch letters indicating "SLING POINT" or "TIE DOWN".
- f. Instruction Plates. The D7G Tractor shall be equipped with instruction plates suitably located, describing any special or important procedures to be followed in operating and servicing the equipment. Plates shall be of a material which will last and remain legible for the life of the equipment, and shall be securely affixed thereto with nonferrous screws, rivets or bolts of not less than 1/8 inch diameter.
- g. Record Jacket. All major equipment or components serial numbers that are replaced during the REBUILD are to be identified by the Contractor for entry in the record jacket of the D7G Tractor (this includes engines, transmissions, etc.). Information will list the D7G Tractor serial number, name of equipment/component(s) replaced, serial number of deficiency equipment/component(s), serial number of replacement equipment/component(s), and if the equipment/component(s) is new or rebuilt.

3.3.4 Phase IV - Packaging, Handling, Storage, And Transportation (PHS&T).

- a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage shall be in accordance with level "A" requirements of ATPD 2241. Items scheduled for domestic shipment for immediate use or shipment to overseas destinations with the exception of Maritime Prepositioned Forces (MPF) shall be level "B", Drive-on/Drive-off. Items scheduled for overseas shipment shall have a label affixed which reads "NOT FOR WEATHER DECK STOWAGE." Items scheduled for shipment to MPS shall be level "B", MPS Modified Drive Away.
 - b. The Terms Drive-on/Drive-off and MPF Modified Drive Away are defined as follows:

- (1) Drive-on/Drive-off: Batteries will be hot and disconnected from vehicle electrical system. Terminals and leads will be taped. Fuel tank will be filled ¼ full of JP 5/8. The air intake system, exhaust and brake systems, drive-train and gauges are to be depreserved.
- (2) MPS Modified Drive Away: Batteries shall be hot and connected to vehicle electrical system. Fuel tank shall filled ¾ full of JP 5/8. The air intake system, exhaust and brake systems, drive-train and gauges are to be depreserved. Fire extinguisher bracket and seats (all) shall be installed.
 - c. Marking for shipment and storage shall be in accordance with MIL-STD-129.
- d. The Marine Corps will provide the contractor with shipping address(es) for delivery of repaired equipment. The Contractor shall be responsible for arranging for shipment of the equipment to the pre-designed site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.
- 3.4 Configuration Management.

3.4.1 Configuration Status Accounting (CSA).

- a. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a Configuration Control List (Appendix D) to the Contractor. The Contractor shall use one checklist for each D7G Tractor to record the inspection findings along with other required data.
- b. The Contractor shall record serial numbers of the assemblies listed on the Configuration Control List. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.
- c. The following approved MI and Technical Instruction (TI) shall be applied during Phase II of the REBUILD process:

MI-08757A-35/1

Modify Battery Box Cover

TI-08757A-25/2

Instructions for Installation of 8 Pin Military Standard Receptacle.

3.4.2 <u>Configuration Control</u>. The Contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarity depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

- 3.5 Government Furnished Equipment (GFE)Accountability/Government Furnished Materiel (GFM). The Management Control Acitivity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Firnished Material (GFE)/(GFM) request and maintian a central control system on all GFE Accountability Agreements to the comtractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. (This can be done by mailing (Material Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320) or faxing (Commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).
- 3.6 Contactor Furnished Material (CFM). The contractor may requisition material as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of material and the required completion/delivery date.
- 3.7 Quality Assurance Provisions. The performances of the Contractor and the quality of work delivered, material provided and documents written shall be subject to in-process review and inspection by MCSC, (Code CSLE), Albany, Georgia and/or their Representatives during contract performance. Inspection may be accomplished at any work location. Authorized MCSC (Code CSLE), Albany, Georgia and/or their Representatives shall be permitted to observe the work/task accomplishment or to conduct inspections at all reasonable hours within contractor normal working hours. Acceptance tests shall be held in-plant. Inspection by MCSC, (Code CSLE), Albany, Georgia and/or their Representatives of all acceptance tests plans, materials and associated lists furnished hereunder does not relieve the Contractor from any responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance.

The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System-Model for Quality Assurance in Production, Installation, and Servicing. The Contractors work shall be subject to In-Process Reviews and Inspections for compliance with Quality Systems by MCSC (Code CSLE), Albany, Georgia and/or their Representatives. Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the Contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such, MCSC (Code CSLE), Albany, Georgia and/or their representatives inspection, it shall be the Contractor responsibility to ensure that the entire system meets the performance requirements delineated and addressed in the D7G Tractor RS-08757A-50 and this SOW.

Quality assurance operations performed by the Contractor shall be subject to the MCSC (Code CSLE), Albany, Georgia and/or their representatives verification at any time. MCSC (Code CSLE), Albany, Georgia and/or their representatives verifications can include, but shall not be limited in any matter, to the following:

- a. Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.
- b. Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.
- c. Inspections of deliverable products to assure compliance with all requirements of the D7G Tractor, this SOW, and applicable documents used herein.
- d. Failure of the contractor to promptly correct deficiencies discovered, shall be a reason for suspension of acceptance until corrective action has been made.
- 3.8 Acceptance. The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC (Code CSLE), Albany, Georgia and/or their representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours within the contractor's normal working hours. Final inspection and acceptance testing shall be conducted at the Contractor facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.
- a. Acceptance Testing. The D7G Tractors REBUILD under the provisions of this SOW shall be accomplished in accordance with RS-08757A-50, D7G Tractor Final Inspection Checklist (Appendix B of this SOW)
- 3.9 <u>Rejection</u>. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code CSLE), Albany, Georgia and/or their representatives. The Contractor shall, at no additional cost to MCSC (Code CSLE), Albany, Georgia and/or their representatives, provide the following:
 - a. Develop an approach for modification or correction of all deficiencies.
- b. On approval of a documented approach, the Contractor shall correct the deficiencies and repeat verification until acceptable compliance with acceptance test procedures is demonstrated.
- 4.0 <u>REPORTS</u>. All report deliverables shall be submitted in hard copy to Marine Corps Systems Command, (Code CSLE), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320 unless directed otherwise in a Contract Data Requirement List.
- 4.1 <u>D7G Tractor Initial Inspection Checklist</u>. The Contractor shall complete the D7G Tractor Initial Inspection Checklist (Appendix A) for each D7G Tractor repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to Marine Corps Systems Command, (Code CSLE), Albany, GA., after final acceptance of the D7G Tractor.

- 4.2 <u>D7G Tractor Final Inspection Report</u>. The Contractor shall provide one copy, per vehicle, of the D7G Tractor Final Inspection report (Appendix B). The report shall be available for review during the final acceptance testing and one copy shall be sent to Marine Corps Systems Command, (Code CSLE), Albany, GA., upon acceptance of D7G Tractor
- 4.3 <u>D7G Tractor Road Test and Operational Test</u>. The Contractor shall provide one copy, per vehicle, of the D7G Tractor Road Test and Operational Test (Appendix C). The report shall be available for review during the final acceptance testing and one copy shall be sent Marine Corps Systems Command (Code CSLE), Albany, GA., upon acceptance of the D7G Tractor.
- 4.4 <u>Configuration Control List</u>. The Contractor shall provide one copy, per vehicle, of the Configuration Control List (Appendix D). The report shall be available for review during the final acceptance testing and one copy shall be sent to Marine Corps Systems Command (Code CSLE), Albany, GA., upon acceptance of the D7G Tractor.

D7G TRACTOR INITIAL INSPECTION CHECKLIST

REBUILD Standard 08757A-50 Characteristic and Figure numbers.

ITEM	CHARACTERISTIC AND FIGURE NUMBER	REMARKS	PASS	FAIL
1	Engine			
	Condition			
	Operation			
	Leakage			
	Mounting			
	Screws			
	Washers			
	Nuts			
	Paint			
	Spec. Conformance			
	Coverage			
	Lubrication			
	Application and Type			
2	Fan and Alternator Belts			
	(fig 2-51 and 2-52)			
	Condition			<u> </u>
	Adjustment			
3	Engine Coolant Lines			
	(fig 2-45, 2-57, and 2-58)			
	Condition			
	Leakage			
	Mounting			
	Clamps			
4	Torque Coverter Oil Cooler Lines			
	(fig 2-59)			
	Condition			
	Leakage			
5	Radiator			
	(fig 2-45)			
	Condition			
	Coolant Level			
	Leakage			
	Mounting			
	Screws			
	Washers			
	Nuts			
	Paint			
	Spec. Conformance			<u> </u>
	Coverage			

6	Muffler	· -	
	(fig 2-41)		
	Condition		
	Mounting		
	Screws		
	Washers		
	Nuts		
7	Turbocharger Oil Lines		
	(fig 2-60)		
	Condition		
	Leakage		
	Mounting		
	Screws		
	Washers		
	Nuts		
8	Engine Air Cleaner		
	(fig 2-43)		
	Condition		
	Mounting		
	Screws		
	Washers		
	Nuts		
	Paint		
	Spec. Conformance		
	Coverage		
9	Fuel Injection Lines		
	(fig 2-65)		
	Condition		-
	Leakage		
	Fittings Secure		
	Mounting		
	Clamps and Bolts		
10	Fuel Priming Pump and Primary Filter		
	(fig 2-69)		
	Condition	<u> </u>	
	Operation		
	Leakage		
	Mounting		
	Screws		
	Washers		
	Nuts		

11	Secondary Fuel Filter	1	
	(fig 2-71)		
	Condition		
	Leakage		
	Element Secure	-	
12	Fuel Supply and Drain Lines		
	(fig 2-67 and 2-68)		
	Condition		
	Leakage		
	Fitting Secure		
	Mounting		
13	Either Starting Aid		
	(fig 2-62)		
	Condition		
	Operation		
	Mounting		
	Screws		
	Washers		
	Nuts		
14	Electric Starting Motor		
	(fig 2-75)		
	Condition		
	Operation		
	Mounting		
15	Transmission		
	(fig 2-340)		
	Fluid Level		
	Condition		
	Mounting		
	Operation		
	Paint		
	Spec. Conformance	l	
	Coverage		
	Lubrication		
	Application and Type		
16	Brake Hydraulic Acuating Mechanisms		
	(fig 2-113)		
	Condition		Ì'
	Mounting		
	Operation		
	Paint		
	Spec. Conformance		
	Coverage		<u> </u>

17	Steering Clutch Control Rods and Valves			
]	(fig 2-111)			Ì
	Condition	,		
	Mounting			
	Operation			
18	Transmission and Steering Clutch Oil Filter			<u> </u>
	(fig 2-86)			
	Condition			
	Leakage			
	Mounting	<u> </u>		
	Screws			
	Washers			
	Nuts			
	Paint	(
	Spec. Conformance			
	Coverage			
19	Magnetic Screen			
	(fig 2-87)			
	Condition			
	Leakage			i
	Mounting			
	Screws			
	Washers			
	Nuts			
	Paint			
	Spec. Conformance			
	Coverage			
20	Transmission Oil Pump			
	(fig 2-84)			
	Condition			
	Leakage			
	Mounting			
	Paint			•
	Spec. Conformance		İ	
	Coverage			
21	Drive Shaft			
	(fig 2-79)			
	Condition			\
	Mounting			
	Screws			
	Washers			
	Paint			
	Spec. Conformance			
	Coverage		l <u></u> -]

22	Final Drives		
	(fig 2-612)		!
	Condition		
	Leakage		
	Operation	_ 	
	Lubrication		
	Application and Type		
	Paint		
	Spec. Conformance		
	Coverage		
7	Torque Divider Scavenge Pump		
2.	(fig 2-89)		
	Condition		
			-
	Leakage		
	Mounting		
	Screws Washers		
			<u> </u>
	Paint		
	Spec. Conformance		
	Coverage		
2	Torque Converter		
	(fig 2-110)		
	Condition		
	Leakage		
	Operation		
	Mounting		
	Nuts		
	Washers		
	Paint		
	Spec. Conformance		ļ
	Coverage		
2:	Transmission Controls		
	(fig 2-103 and 2-203)		
	Condition		
	Operation		
	Mounting		
	Screws		
	Washers		
	Nuts		
·			

26	Equalizer Bars		
	(fig 2-137)		
	Condition		
	Weldments		
	Mounting		,
	Screws		
	Washers		
	Nuts		
	Paint		
	Spec. Conformance		
	Coverage		
27	Tool Box		
	(fig 2-32)		
	Condition		
	Mounting	\	
	Screws		
	Washers		
	Nuts		
	Paint		
	Spec. Conformance		
	Coverage		
28	Fenders		
	(fig 2-39)		
	Condition		
	Weldment		
	Mounting		
	Screws		
	Washers		
	Nuts		
	Paint		
	Spec. Conformance		
	Coverage		
29	Track Roller Frames		
	(fig 2-141)	}	}
	Condition		
	Weldment		
	Mounting		
	Screws		
	Washers		
	Nuts		
	Paint		
	Spec. Conformance		
	Coverage		

3(Track Carrier Rollers		
	(fig 2-129)	ļ	
	Condition		
	Leakage		
	Mounting		
	Bolts		
	Washers		_
	Paint		
	Spec. Conformance		
	Coverage		
3	Recoil Mechanism Guards		_
	(fig 2-125)	ļ	<u> </u>
	Condition		
	Mounting		
	Screws		
	Washers		
	Paint		
	Spec. Conformance		
	Coverage		
32	Hydraulic Track Adjuster		
	(fig 2-134)		
	Condition		
	Leakage		l
	Operation		
	Mounting		
	Screws		
	Washers		
	Lubrication		
	Application and Type		
3:	Front Idlers		
	(fig 2-131)		
	Condition		
	Leakage		
	Mounting		
	Screw		
	Washers	ļ	
	Nuts		
	Lubrication		
	Application and Type		<u></u>
	Paint		
	Spec. Conformance		
	Coverage		

34	Track Rollers	
	(fig 2-130)	
	Condition	
	Leakage	
	Mounting	
	Screws	
	Washers	
	Lubrication	
	Application and Type	
	Paint	
	Spec. Conformance	
	Coverage	
35	Track Chain Assembly	Ì
	(fig 2-399)	
	Condition	
	Leakage	
	Lubrication	
	Application and Type	
36	Radiator Guard	
	(fig 2-50)	
	Condition	
	Mounting	
	Screws	
	Washers	
	Nuts	
	Paint	
	Spec. Conformance	
	Coverage	
37	Hood	
	(fig 2-34)	}
f	Condition	
]	Mounting	
1	Screws	
	Washers	
	Nuts	 <u> </u>
	Paint Super Conference of	
	Spec. Conformance	 <u> </u>
	Coverage	 <u> </u>

38	Fuel Tank		
	(fig 2-38)		
	Condition		
	Leakage		
	Mounting		!
ļ	Screws	<u> </u>	\ \
	Washers		
	Nuts		
	Paint		
	Spec. Conformance		
	Coverage		
39	Crankcase Guards		
	(fig 2-40)		
	Condition	<u></u>	
	Weldment		
ļ	Mounting		ļ
	Screws		
	Washers		
	Paint		
	Spec. Conformance		
	Coverage		
40	Roll-Over Protection Structure (ROPS)		
	Mounting		
	(fig 2-29)		
	Condition		
	Mounting		
	Bolts		
	Washers		
	Nuts		
	Paints		
	Spec. Conformance		
	Coverage		
41	Cab		
	Condition		
	Weldments		
	Mounting		
}	Screws		\{
	Washers		
	Window Glass		
	Seat		
	Paint		
	Spec Conformance		
L	Coverage		

42	Windshield Wipers (Front and Rear)		
	(fig 2-191 through 2-194)		
	Condition		
	Operation		
	Mounting		
}	Screws		1
	Washers		-
43	Windshield Washers (Front and Rear)		
	(fig 2-195 and 2-196)		
	Operation		
	Mounting		
	Screws		
	Washers		
44	Cab Heater and Controls		
	(fig 2-197 and 2-199)		
	Condition) }
	Operation		
	Mounting		
	Screws		
	Washers		
45	Cab Light		
	(fig 2-198)		
	Condition		
	Operation		
46	Gages and Switches		
	Condition	\]]
	Operation		
	Mounting		
	Screws		
	Washers		
	Nuts		
47	Batteries and Wiring		
	(fig 2-722 and 2-223)		
	Condition		
	Terminal Connections		
	Mounting	Ì]
	Screws		
	Washers		
	Nuts]	
	Battery Boxes Mounting		
	Paint		
	Spec Conformance		
	Coverage		

48	Battery Disconnect Switch	
	(fig 2-187)	
	Condition	
	Operation	
49	Track Roller Guards	
	(fig 2-124)	
	Condition	
	Mounting	
	Screws	
	Washers	
	Nuts	
	Paint	
	Spec. Conformance	 -
	Coverage	
50	Governor and Decelerator Controls	
1	(fig 2-73 and 2-201)	
	Condition	
	Operation	
	Mounting	
	Screws	
	Washers	 ·
	Huts	
51	Headlamps	
	(fig 2-15)	
	Condition	
	Operation	
	Mounting	
	Screws	
	Washers	
	Nuts	
	Paint	
	Spec. Conformance	
	Coverage	 ļ
52	Floodlamps	
	(fig 2-17)	
1	Condition	 ļ
	Operation	
	Mounting	
	Screws	
	Washers	
	Nuts	
	Paint	
	Spec. Conformance	
	Coverage	

53	Rear Lamps		
	(fig 2-16)		
	Condition		ŀ
	Operation		
	Mounting		
	Screws	1	
	Washers		
	Nuts		
	Paint		:
	Spec. Conformance		
	Coverage		
54	Slave Receptacle		
	Condition		
	Operation		
	Mounting		
	Screws		
	Washers		
	Nuts		
	Cable Connections Secure	<u> </u>	
55	Bulldozer and Pusharms		
	(fig 2-4)		
	Condition		
	Weldments		
	Mounting		
	Screws		
	Washers		
	Nuts		
	Lubrication		
	Application and Type		
	Paint		,,,,
	Spec. Conformance		
	Coverage		
56	Tilt Cylinder		
	(fig 2-159)		
	Condition)
	Leakage		
	Operation		
	Paint		
	Spec Conformance		
	Coverage		

57	Tilt Cylinder Lines		
	(fig 2-153)		
	Condition		
	Leakage		
	Fitting Secure		
	Paint		
	Spec. Conformance		
	Coverage		
58	Lift Cylinder Mounting Brackets		
	(fig 2-35)		
	Condition		
	Leakage		
	Mounting		
	Screws		
	Washers		
	Nuts		
	Lubrication		
	Application and Type		\ \
	Paint		
	Spec. Conformance		
	Coverage		
59	Lift Cylinders		
	(fig 2-156)		
	Condition		
	Leakage	! 	
	Mounting		
	Screws		
	Washers		
	Nuts		
	Lubrication		
	Application and Type		
60	Lift Cylinder Lines		
	(fig 2-6)		
	Condition		
	Leakage		<u> </u>
	Mounting		
	Screws		
	Washers		
	Nuts		
	Paint	1	
	Spec. Conformance		
	Coverage		

61	Hydraulic Tank	
	(fig 2-36)	
	Condition	
	Leakage	
	Mounting	
	Screws	
	Washers	
	Nuts	
	Lubrication	
	Application and Type	 i
	Paint	
	Spec. Conformation	
	Coverage	
62	Bulldozer Control Valve	
	(fig 2-100)	
	Condition	
	Leakage	
	Mounting	
	Screws	
	Washer	
	Nuts	
	Paint	
	Spec. Conformance	
	Coverage	
63	Bulldozer Control Linkage	
	(fig 2-94)	
	Condition	
	Operation	
64	Ripper Control Linkage	
	(fig 2-96)	
	Condition	
	Operation	
65	Hydraulic Pump Lines	
	(fig 2-101)	
	Condition	
	Leakage	
	Fitting Secure	
	Mounting	[
	Screws	
	Washers	 <u> </u>
	Paint	-
	Spec. Conformance	
	Coverage	

6	66 Pressure Control Valve		
ļ	(fig 2-92)		
	Condition		
	Leakage		
	Mounting		
	Screws		
	Washers		
	Paint	-	
į	Spec. Conformance		
	Coverage		
6	7 Pilot Valves for Bulldozer Tilt and Ripper		
	Lift		
	(fig 2-98)		
	Condition		
	Leakage		
	Mounting		
	Screws		-
	Washers		
	Paint		
	Spec. Conformance		
	Coverage		
6	8 Hydraulic Oil Pump	*	
	(fig 2-91)		
	Condition		
	Leakage		
	Mounting		
ĺ	Screws		
	Washers		
	Paint		
	Spec. Conformance		
	Coverage		
6	9 Winch Control Linkage	PAS	_FAI
	(fig 2-95)	$\underline{\underline{\mathbf{s}}}$	L
	Condition		
	Operation		İ
	Mounting		İ
	Screws		
	Washers		
	Nuts	_	
1			

D7G TRACTOR FINAL INSPECTION REPORT

REBUILD Standard 08757A-50 Characteristic and Figure numbers.

ITEM	CHARACTERISTIC	METHOD OF	REMARKS
-	AND FIGURE NUMBER	INSPECTION	
1	Engine		
	Condition	Visual	
	Operation	Functional	
	Leakage	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	\
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
	Lubrication		
	Application and Type	\	į
		Certification	
2	Fan and Alternator Belts		
	(fig 2-51 and 2-52)		
	Condition	Visual	
	Adjustment	Gage	
3	Engine Coolant Lines		
	(fig 2-45, 2-57, and 2-58)		
	Condition	Visual	
	Leakage	Visual	
	Mounting		
	Clamps	Screwdriver	
4	Torque Coverter Oil Cooler		
	Lines		
	(fig 2-59)	Visual	
	Condition	Visual	
<u></u>	Leakage		

5	Radiator		
	(fig 2-45)		
	Condition	Visual	
i	Coolant Level	Visual	
	Leakage	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
6	Muffler		
	(fig 2-41)		
•	Condition	Visual	
	Mounting	Visual	,
}	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
7	Turbocharger Oil Lines		
	(fig 2-60)		·
	Condition	Visual	-
	Leakage	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
Ĺ	Nuts	Wrench	
8	Engine Air Cleaner		
	(fig 2-43)		
	Condition	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	

9	Fuel Injection Lines		
	(fig 2-65)		
	Condition	Visual	
	Leakage	Visual	
	Fittings Secure	Wrench	
	Mounting		ļ
ļ	Clamps and Bolts	Torque	
		Wrench	
10	Fuel Priming Pump and		
	Primary Filter		
	(fig 2-69)	Visual	}
	Condition	Functional]
	Operation	Visual	
	Leakage	Wrench	
	Filter Bowl Secure		<u> </u>
	Mounting	Wrench	
	Screws	Visual	
	Washers	Wrench	
	Nuts		
11	'Secondary Fuel Filter		
	(fig 2-71)		i
	Condition	Visual	
1	Leakage	Visual	
	Element Secure	Strap	
		Wrench	
12	Fuel Supply and Drain		
	Lines		
	(fig 2-67 and 2-68)	Visual	
	Condition	Visual	
	Leakage	Wrench	
Ì	Fitting Secure	Wrench	
	Mounting		
13	Either Starting Aid		
	(fig 2-62)		
	Condition	Visual	
	Operation	Functional	
	Cannister Secured	Hand	
	Mounting	Tighten	
	Screws		·
	Washers	Wrench	
	Nuts	Visual	
		Wrench	

14	Electric Starting Motor		
	(fig 2-75)		
	Condition	Visual	
	Operation	Functional	
	Mounting	Wrench	
15	Transmission		
	(fig 2-340)		
:	Fluid Level	Visual	
	Condition	Visual	
	Mounting	Visual	
	Operation	Functional	
	Paint		
ļ	Spec. Conformance	Visual	
	Coverage	Visual	
	Lubrication		
	Application and Type		
		Certification	
16	Brake Hydraulic Acuating	·-	_
	Mechanisms		
1	(fig 2-113)	Visual	
	Condition	Wrench	
	Mounting	Functional	
	Operation		
	Paint	Visual	
	Spec. Conformance	Visual	
	Coverage	Visuai	
17	Steering Clutch Control		
'	Rods and Valves		
	(fig 2-111)	Visual	
	Condition	Wrench	
	Mounting	Functional	
	Operation	1 diletional	
18	Transmission and Steering		
10	Clutch Oil Filter		
1	(fig 2-86)	Visual	
	Condition	Visual	
	Leakage	Visual	
	Mounting	Wrench	
1	Screws	Visual	
	Washers	Wrench	
	į.	wrench	
	Nuts	37:1	
	Paint	Visual	
	Spec. Conformance	Visual	
	Coverage	!	

	Triangle of the control of the contr	,	
19	Magnetic Screen		
	(fig 2-87)		
	Condition	Visual	
	Leakage	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
 	Spec. Conformance	Visual	
	Coverage	Visual	
20	Transmission Oil Pump		
	(fig 2-84)		
	Condition	Visual	
	Leakage	Visual	
ļ	Mounting	Wrench	\ \
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
21	Drive Shaft		
	(fig 2-79)		
	Condition	Visual	;
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
22	Final Drives		
	(fig 2-612)		
	Condition	Visual	
	Leakage	Visual	
1	Operation	Functional	
	Lubrication		
İ	Application and Type		
Ì	Paint	Certification	
	Spec. Conformance		
	Coverage	Visual	
		Visual	
L		· 	

23	Torque Divider Scavenge		
]	Pump		
	(fig 2-89)	Visual	
	Condition	Visual	
	Leakage		
	Mounting	Wrench	Ì
	Screws	Visual	
	Washers		
-	Paint	Visual	
	Spec. Conformance	Visual	
	Coverage		
24	Torque Converter		
	(fig 2-110)		
	Condition	Visual	
	Leakage	Visual	
	Operation	Functional	
	Mounting		
	Nuts	Wrench	
	Washers	Visual	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
25	Transmission Controls		
	(fig 2-103 and 2-203)		
İ	Condition	Visual	
	Operation	Functional	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
26	Equalizer Bars		
	(fig 2-137)		
	Condition	Visual	
	Weldments	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
1	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	<u> </u>

~-	- I - D		T
27			
	(fig 2-32)		
	Condition	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
28	Fenders		
	(fig 2-39)		
	Condition	Visual	
	Weldment	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
29	Track Roller Frames		
	(fig 2-141)		
	Condition	Visual	
	Weldment	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint	Wienen	
	Spec. Conformance	Visual	
	Coverage	Visual	
30	Track Carrier Rollers	V ISUAI	
30	(fig 2-129)		
	Condition	Visual	
	Leakage	Visual	
	Mounting	visuai	
	Bolts	Wrench	
	Washers		
	Paint	Visual	
		Vignal	
	Spec. Conformance	Visual	
	Coverage	Visual	

31 Recoil Mechanism Guards		
(fig 2-125)		
Condition	Visual	
Mounting		
Screws	Wrench	
Washers	Visual	
Paint		
Spec. Conformance	Visual	
Coverage	Visual	
32 Hydraulic Track Adjuster		
(fig 2-134)		
Condition	Visual	•
Leakage	Visual	
Operation	Functional	
Mounting		
Screws	Wrench	
Washers	Visual	
Lubrication		
Application and Type		
	Certification	
33 Front Idlers		
(fig 2-131)		
Condition	Visual	
Leakage	Visual	
Mounting		
Screw	Wrench	
Washers	Visual	
Nuts	Wrench	
Lubrication		
Application and Type		
Paint	Certification	
Spec. Conformance		
Coverage	Visual	
	Visual	

34	Track Rollers		
	(fig 2-130)		
	Condition	Visual	
	Leakage	Visual	
<u> </u>	Mounting		(
	Screws	Wrench	
	Washers	Visual	
	Lubrication		
	Application and Type	· · · · · · · · · · · · · · · · · · ·	
	Paint	Certification	
1	Spec. Conformance		
	Coverage	Visual	
		Visual	
35	Track Chain Assembly		
<u> </u>	(fig 2-399)		
	Condition	Visual	
	Leakage	Visual	
	Lubrication		
	Application and Type		
		Certification	
36	Radiator Guard		
	(fig 2-50)		
	Condition	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
37	Hood		
	(fig 2-34)	,	
	Condition	Visual	
Į	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint	77' 1	
	Spec. Conformance	Visual	
	Coverage	Visual	

38 Fuel Tank		
(fig 2-38)		
Condition	Visual	
Leakage	Visual	
Mounting		
Screws	Wrench	
Washers	Visual	
Nuts	Wrench	
Paint		
Spec. Conformance	Visual	
Coverage	Visual	
39 Crankcase Guards		
(fig 2-40)		
Condition	Visual	
Weldment	Visual	· ·
Mounting		
Screws	Wrench	
Washers	Visual	
Paint		
Spec. Conformance	Visual	
Coverage	Visual	
40 Roll-Over Protection		
Structure (ROPS) Mounting		
(fig 2-29)	Visual	
Condition		
Mounting	Torque	
Bolts	Wrench	
Washers	Visual	
Nuts	Wrench	
Paints		
Spec. Conformance	Visual	
Coverage	Visual	
41 Cab		
Condition	Visual	
Weldments	Visual	
Mounting		
Screws	Wrench	
Washers	Visual	
Window Glass	Visual	
Seat	Functional	
Paint		
Spec Conformance	Visual	
Coverage	Visual	

42	Windshield Wipers (Front		
	and Rear)		
	(fig 2-191 through 2-194)	Visual	
	Condition	Functional	
	Operation		
	Mounting	Wrench	
	Screws	Visual	
	Washers		
43	Windshield Washers (Front		
	and Rear)		
	(fig 2-195 and 2-196)	Functional	
	Operation		
	Mounting	Wrench	
	Screws	Visual	
	Washers		
44	Cab Heater and Controls		
	(fig 2-197 and 2-199)		
	Condition	Visual	
	Operation	Functional	
	Mounting		
	Screws	Wrench	
	Washers	Wrench	
45	Cab Light		
	(fig 2-198)		
	Condition	Visual	
	Operation	Functional	
46	Gages and Switches		
	Condition	Visual	
	Operation	Functional	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	

47	Batteries and Wiring		
	(fig 2-722 and 2-223)		
	Condition	Visual	
		Gages	
	Terminal Connections	Wrench	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Battery Boxes Mounting	Wrench	
	Paint		
	Spec Conformance	Visual	
	Coverage	Visual	
48	Battery Disconnect Switch		
	(fig 2-187)		
	Condition	Visual	
	Operation	Functional	
	_	Gage	
49	Track Roller Guards		
	(fig 2-124)		
	Condition	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
50	Governor and Decelerator		
	Controls	:	
	(fig 2-73 and 2-201)	Visual	
	Condition	Functional	
	Operation		
	Mounting	Wrench	
	Screws	Visual	
	Washers	Wrench	
	Huts		

51 H	Ieadlamps			
(1	fig 2-15)			
!	Condition		Visual	
	Operation		Functional	
$ \mathbf{N} $	Mounting			
	Screws		Wrench	
	Washers		Visual	
	Nuts		Wrench	
P	aint			
	Spec. Conformance		Visual	
ı	Coverage		Visual	
52 F	loodlamps			
(f	fig 2-17)			
.	Condition		Visual	
	Operation		Functional	
$ \mathbf{N} $	Jounting			
	Screws		Wrench	
	Washers		Visual	
	Nuts		Wrench	
P	aint			
	Spec. Conformance		Visual	
	Coverage		Visual	
53 R	Rear Lamps			
	fig 2-16)			
	Condition		Visual	
	Operation		Functional	
N	Iounting			
	Screws		Wrench	
	Washers		Visual	
	Nuts	···	Wrench	
	Paint Paint			
	Spec. Conformance		Visual	
	Coverage		Visual	
	lave Receptacle			
	Condition		Visual	
	Operation		Functional	
	Aounting			
	Screws		Wrench	
	Washers		Visual	
	Nuts		Wrench	
	Cable Connections Secure		Wrench	

55 Bulldozer and Pusharms		
(fig 2-4)		
Condition	Visual	
Weldments	Visual	
Mounting		
Screws	Wrench	
Washers	Visual	
Nuts	Wrench	
Lubrication		
Application and Type		
Paint	Certification	
Spec. Conformance		
Coverage	Visual	
	Visual	
56 Tilt Cylinder		
(fig 2-159)		
Condition	Visual	
Leakage	Visual	
Operation	Functional	
Paint		
Spec Conformance	Visual	
Coverage	Visual	
57 Tilt Cylinder Lines		
(fig 2-153)		
Condition	Visual	
Leakage	Visual	
Fitting Secure	Wrench	
Paint		
Spec. Conformance	Visual	
Coverage	Visual	
58 Lift Cylinder Mounting		
Brackets		
(fig 2-35)	Visual	
Condition	Visual	
Leakage		
Mounting	Wrench	
Screws	Visual	
Washers	Wrench	
Nuts		
Lubrication		
Application and Type	Certification	
Paint		
Spec. Conformance	Visual	
Coverage	Visual	

59	Lift Cylinders		
	(fig 2-156)		·
	Condition	Visual	
	Leakage	Visual	
	Mounting		
ļ	Screws	Wrench	
İ	Washers	Visual	
	Nuts	Wrench	
	Lubrication		
	Application and Type		
Ĺ		Certification	<u>_</u>
60	Lift Cylinder Lines		
	(fig 2-6)		
	Condition	Visual	
}	Leakage	Visual	
	Mounting		
	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	·
	Coverage	Visual	
61	Hydraulic Tank		
	(fig 2-36)		
	Condition	Visual	
	Leakage	Visual	
	Mounting		
1	Screws	Wrench	
	Washers	Visual	
	Nuts	Wrench	
	Lubrication		
	Application and Type		
	Paint	Certification	
	Spec. Conformation		
	Coverage	Visual	
		Visual	

62	Bulldozer Control Valve		
	(fig 2-100)	-	
	Condition	Visual	
	Leakage	Visual	
	Mounting		
	Screws	Wrench	
	Washer	Visual	
	Nuts	Wrench	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
63	Bulldozer Control Linkage		
	(fig 2-94)		
	Condition	Visual	·
	Operation	Functional	
64	Ripper Control Linkage		
	(fig 2-96)		
	Condition	Visual	
	Operation	Functional	
65	Hydraulic Pump Lines		
	(fig 2-101)		
	Condition	Visual	
	Leakage	Visual	
	Fitting Secure	Wrench	
	Mounting		
)	Screws	Wrench	
	Washers	Visual	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	
66	Pressure Control Valve		
	(fig 2-92)		
	Condition	Visual	
	Leakage	Visual	
	Mounting		
)	Screws	Wrench	
	Washers	Visual	
	Paint		
	Spec. Conformance	Visual	
	Coverage	Visual	

67 Pilot Valves for Bulldozer		
Tilt and Ripper Lift		
(fig 2-98)	Visual	
Condition	Visual	
Leakage		
Mounting	Wrench	
Screws	Visual	
Washers		
Paint	Visual	
Spec. Conformance	Visual	
Coverage		
68 Hydraulic Oil Pump		
(fig 2-91)		
Condition	Visual	
Leakage	Visual	
Mounting		
Screws	Wrench	
Washers	Visual	
Paint		
Spec. Conformance	Visual	
Coverage	Visual	
69 Winch Control Linlage		
(fig 2-95)		
Condition	Visual	
Operation	Functional	
Mounting		
Screws	Wrench	
Washers	Visual	
Nuts	Wrench	

D7G TRACTOR ROAD TEST AND OPERATIONAL TEST

Item	Characteristic	Method of Inspection
1	Lubricant, Coolant and Fluid Level Check	
	Radiator	Visual
	Engine Crankcase	Visual
Ī	Transmission, bevel gear and steering clutch compartment	Visual
	Final Drives	Visual
2	Brakes and Brake Lock	
	The tractor and brakes shall be operated to the extent	
	necessary to assure proper performance and adjustment.	Functional
3	Abnormal Heating	
	Engine	Gage
	Torque Converter	Gage
	Engine Cooling System	Gage
4	Leaks	
	Engine	Visual
	Transmission, bevel gear and steering clutch compartment	Visual
	Radiator Hoses	Visual
	All Hydraulic system and hoses	Visual
	All hydraulic pumps, valves and cylinders	Visual
5	Lamp Operational Test	
-	Exterior lights	Visual
		Functional
	Interior lights	Visual
		Functional
6	Electrical Circuit Test	
	All wiring and electrical circuits shall be checked for shorts	
	and continuity with a voltmeter to determine that the circuits	
	will carry the voltage specified on the electrical schematic	
	and required by the electrical units.	•
	Circuit tester	Functional
7	Mechanism Adjustment Check	
	All electrical, mechanical and hydraulic mechanisms shall be	
	checked for proper performance and adjustment and adjusted	
	as necessary.	Functional
8	Throttle Control	
	Security	Visual
	Operation	Functional
9	Decelerator Pedal	
	Security	Visual
	Operation	Functional

10	Transmission	
	Security	Visual
	Operational	Functional
	Leakage	Visual
11	Steering Clutches	
	Security	Visual
	Operation	Functional
	Leakage	Visual
12	Brakes	
	Security	Visual
	Operation	Functional
	Leakage	Visual
13	Brake Lock Lever	
	Security	Visual
	Operation	Functional
14	Final Drives and Undercarriage	
	Security	Visual
	Operation	Functional
	Leakage	Visual
15	Bulldozer	
	Security	Visual
	Operation	Functional
	Leakage	Visual
16	Paint, Marking and Data Plate Check	
	Painting, marking and service data shall be inspected for	
	concormance to the specifications and other special	
	requirements.	Visual
17	Cleaning and Drying Specifications	
	Exterior sufaces of the tractor shall be free of dirt, grease	
	and other contaminants. Exposed surfaces to which	
	applications of preservation is specified shall be cleaned and	
	dried with the applicable process that will accomplish the	
	cleaning without damage to the item.	Visual

CONFIGURATION CONTROL LIST TRACTOR, MEDIUM, FULL TRACKED MODEL D7G, NSN 2410-01-155-1588

Vehicle;		
Vehicle Build Number 5R6803	Serial Number	
Other than Vehicle Build No. 5Re	6803 Serial Number	Build No.
Data Plate NSN Transmission;		
Build Number 9P5382	Serial Number	
Other than Build Number 9P5382	2 Serial Number	Build No.
Engine;		
Build Number 1W0543	Serial Number	
Other than Build Number 1W054	3 Serial Number	Build Number
Modification Instruction;	appied Prior IROAN	Applied during IROAN
MI-08757A-35/1		
NOTE: Build numbers can be for	ound on Vehicle Data	Plates.
NOTE: This SOW is for Marine	Corps standard D7G	tractors only.